

Gentlemen - as a licensed amateur radio licensee and degreed electrical engineer, I would like to briefly encompass my position/concerns over the BPL/PLC proposal.

The radiation effects of transmission techniques over power line infrastructures lend themselves to indiscriminate radiated interference to any technology that relies on

antenna reception, such as amateur radio technologies and other high frequency services. Despite the potential to mitigate this via emf limitations, it is inevitable the interference to existing FCC licensed services will occur unless you can explicitly control and limit the frequencies at which BPL/PLC transmissions occur

as well as subsequent harmonic effects of such transmissions.

I, therefore, object to the BPL/PLC initiative on the basis of the interference probability to existing services that already exist on the same HF/VHF spectrums. If you are to proceed with this initiative, you must ensure that interference is mitigated and any and all reported interference to exiting services becomes the legal burden for the BPL/PLC provider to resolve or to cease transmission of services until the interference is resolved.

Thank you.